|                         |             |          |                        |  |                        |              |            | SERIAL NO.              |              |  |  | FILING DATE                                      |  |                |  |
|-------------------------|-------------|----------|------------------------|--|------------------------|--------------|------------|-------------------------|--------------|--|--|--|--|----------------|--|
| CLAIMS ONLY             |             |          |                        |  |                        |              |            |                         | SERIAL NO    |  |  |  |  |                |  |
|                         | .1          |          |                        | <b>.</b>   |                        |              |            | APPLICA                 | VT(S)        |  |  |  |  |                |  |
|                         | 8/18        | 104      |                        |  |                        |              | CLAIMS     |                         |              |  |  |  |  |                |  |
|                         | AS FILED    |          | AFTER<br>1st AMENDMENT |  | AFTER<br>2nd AMENDMENT |              |            |                         | *            |  | *  |  | *  |                |  |
|                         | IND.        | DEP.     | IND.                   | DEP.   | IND.                   | DEP.         | 1          |                         | IND.         | DEP.   | IND.   | DEP.   | IND.   | DEP.           |  |
| 1                       | 1           |          |                        |  |                        |              | ]          | 51                      |              |  |  |  |  |                |  |
| 2                       |             | 1        |                        |  |                        |              | ]          | 52                      |              |  |  |  | ļ  |                |  |
| 3                       |             | 1        |                        |  | ļ                      |              | -          | 53<br>54                |              |  | 101  |  |  |                |  |
| 4<br>5                  |             |          |                        |  | <del> </del>           |              | - !        | 5 <del>4</del>          |              |  |  | <b>-</b>   |  | ·              |  |
| 6                       | 7           |          |                        |  |                        |              | 1 1        | 56                      |              |  |  |  | 1  |                |  |
| 7                       |             |          |                        |  |                        |              |            | 57                      |              |  |  |  |  |                |  |
| 8                       |             |          |                        |  |                        |              |            | 58                      |              |  |  |  |  |                |  |
| 9                       |             |          |                        |  | <del> </del>           | ļ            |            | 59                      |              |  |  | -  |  | ļ              |  |
| 10                      |             |          |                        |  | <del> </del>           |              | -          | 60<br>61                |              |  |  | <del> </del>                                     | <del> </del>                                     | <u> </u>       |  |
| 12                      |             | 7        | <b></b>                |  |                        |              | 1          | 62                      |              |  |  | <del> </del>                                     |  |                |  |
| 13                      | -           |          |                        |  |                        |              | 1          | 63                      |              |  |  |  |  |                |  |
| 14                      |             | 1        |                        |  |                        |              |            | 64                      |              |  |  |  |  |                |  |
| 15                      |             | 1_       | <u> </u>               |  |                        | ļ            |            | 65                      |              |  |  |  |  |                |  |
| 16                      | -           |          |                        |  | <u> </u>               |              | -          | 66                      |              |  |  | ļ  | <u> </u>   |                |  |
| 17                      |             |          | <u> </u>               |  | ļ                      | -            | -          | 67<br>68                | <b>_</b>     | -  |  | <del> </del>                                     |  | ļ              |  |
| 19                      | -           | 7        |                        |  |                        |              | 1          | 69                      |              |  |  |  | 1  | ļ              |  |
| 20                      |             |          |                        |  |                        |              |            | 70                      |              |  |  |  |  |                |  |
| 21                      |             |          |                        |  | <u> </u>               | ļ            |            | 71                      |              |  |  |  |  |                |  |
| 22                      |             |          |                        |  | ļ                      | ļ            | _          | 72                      |              | <u> </u>   |  | <del> </del>                                     | ļ  |                |  |
| 23                      |             | -        |                        |  | <b></b>                | +            | -          | 73<br>74                |              | <del></del>                                      |  |  | <del> </del>                                     | ļ              |  |
| 25                      |             |          |                        |  | <u> </u>               | ļ            | -          | 75                      |              | <u> </u>   |  | -  | <del>                                     </del> |                |  |
| 26                      |             |          |                        |  | 1                      |              | 1          | 76                      |              |  |  | 1  | †  | <u> </u>       |  |
| 27                      |             |          |                        |  |                        |              |            | 77                      |              |  |  |  |  |                |  |
| 28                      | ļ           | 1        |                        |  |                        | -            | 4          | 78                      | ļ            | 1  | ļ  |  | <u> </u>   |                |  |
| 29<br>30                |             | /        | <del></del>            |  | <b></b>                | -            | -          | 79<br>80                |              |  |  |  | ļ  | <del> </del>   |  |
| 31                      | <b>-</b>    | 1        | <del> </del>           | <del>                                     </del> | ļ                      |              | -          | 81                      |              |  |  |  | <del>                                     </del> | <del> </del> - |  |
| 32                      |             | 1        |                        |  |                        |              | 1          | 82                      |              |  |  | 1  | 1 -  |                |  |
| 33                      |             |          |                        |  |                        |              |            | 83                      |              |  |  |  |  |                |  |
| 34                      |             |          |                        |  |                        |              |            | 84                      |              | ļ  |  |  | ļ  |                |  |
| 35<br>36                |             |          |                        |  |                        |              | -          | 85                      |              | -  |  | -  | ļ  | 1              |  |
| 37                      |             | -        |                        |  | -                      | +            | -          | 86<br>87                |              |  |  | +  | <del> </del>                                     | -              |  |
| 38                      | <b></b>     |          |                        | -  |                        | <u> </u>     | 1          | 88                      | l            |  |  | <del>                                     </del> | <del> </del>                                     | <del> </del>   |  |
| 39                      |             |          |                        |  |                        |              |            | 89                      |              |  |  |  |  |                |  |
| 40                      |             |          |                        |  |                        |              | _          | 90                      |              |  |  |  |  |                |  |
| 41<br>42                | <u> </u>    |          |                        |  | <del> </del>           | <del> </del> | -          | 91<br>92                | <u> </u>     | ļ <u> </u>                                       |  | <del> </del>                                     | <u> </u>   | ļ              |  |
| 42                      | -           |          | ļ                      |  |                        | -            | +          | 93                      | ļ            | -  | <b> </b>   | +  | <del> </del>                                     | <del> </del>   |  |
| 44                      |             |          | <u> </u>               | <del></del>                                      |                        |              | -          | 94                      | <b></b>      | <del>                                     </del> | <del>                                     </del> | 1  | <del> </del>                                     | †              |  |
| 45                      |             |          |                        |  |                        |              | 1          | 95                      |              |  |  |  |  |                |  |
| 46                      |             |          |                        |  |                        |              |            | 96                      |              |  |  |  |  |                |  |
| 47                      | ļ           |          |                        |  |                        |              | _          | 9.7                     | ļ            | <u> </u>   |  | <del> </del> .                                   | ļ  |                |  |
| 48                      |             | -        | ļ                      |  | <b>-</b>               | -            | -          | 98<br>99                |              | <u> </u>   | -  | -  | -  | -              |  |
| 50                      | <u> </u>    | <u> </u> |                        |  | +                      |              | -          | 100                     |              | <del> </del>                                     | -  | <del> </del>                                     | 1  |                |  |
| TOTAL                   | 1           | 1        | <b>†</b>               | -  | †                      | -            | 1          | TOTAL                   | <del> </del> |  |  | +  | <del> </del>                                     | <del>  _</del> |  |
| IND.                    | 1 / //      | 0        | <b>—</b>               |  |                        | J 🚚          |            | TOTAL                   |              | J 🚚  | <del> </del>                                     | <b>」</b>   |  | J 🚚            |  |
| DEP.<br>TOTAL<br>CLAIMS | 1           |          |                        | -100   |                        |              |            | DEP.<br>TOTAL<br>CLAIMS | <del> </del> |  |  |  |  |                |  |
| CLAIMS                  | 1/(         |          | <b>I</b>               | CA-SA  | <b>31</b>              |              | E .        | CLAIMS                  | L            | ******   |  |  | 4  | (E1\$          |  |
| FORM P                  | TO-2022 (1: | -98)     |                        | *MAY   | BE USED                | FOR ADI      | DITIONAL C | CLAIMS O                | R ADMEN      | DMENTS   | U.S.DE<br>Patent                                 | EPARTMEN<br>and Trade                            | NT OF CO   | MMERCE<br>e    |  |